



Service Repair Manual

Models

320D2 and 320D2 L Excavator

Product: EXCAVATOR

Model: 320D2 L EXCAVATOR XAN

Configuration: 320D2 & 320D2 L Excavators XAN00001-UP (MACHINE) POWERED BY C7.1 Engine

Disassembly and Assembly 320D2 Excavator Engine Supplement

Media Number -UENR0199-09

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i05536911

Crankshaft Vibration Damper and Pulley - Remove and Install

SMCS - 1205-010

S/N - EKT1-UP

S/N - ESG1-UP

S/N - TGJ1-UP

S/N - WDJ1-UP

S/N - XAN1-UP

S/N - XBB1-UP

S/N - XCC1-UP

Removal Procedure

Start By:

- a. Remove the fan.
 1. Remove the serpentine belt. Refer to Operation and Maintenance Manual, "Belt- Remove and Install".
-

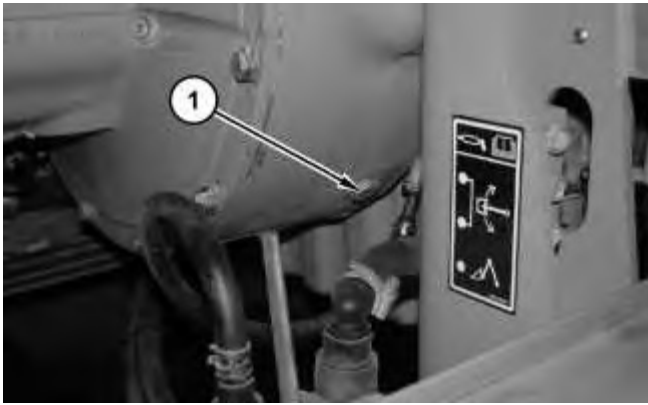


Illustration 1

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1. Remove plug (1). Use a suitable pin in order to ensure that the crankshaft does not rotate.

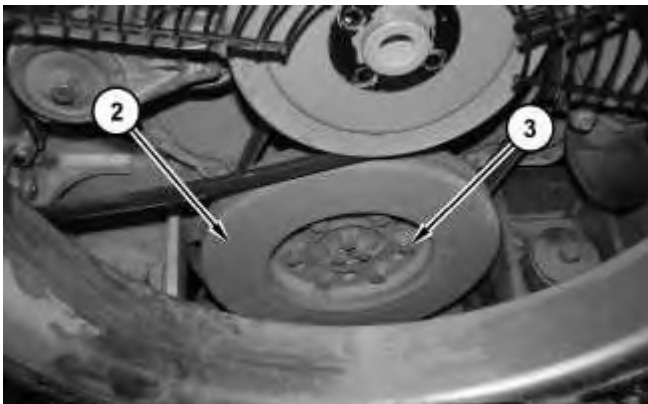


Illustration 2

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2. Remove bolts (3) and damper (2).

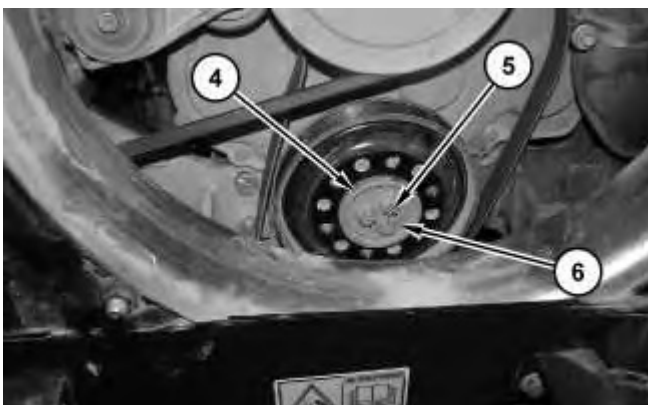


Illustration 3

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3. Remove bolts (5) and retainer (6). Remove the adapter and pulley (4) as a unit.

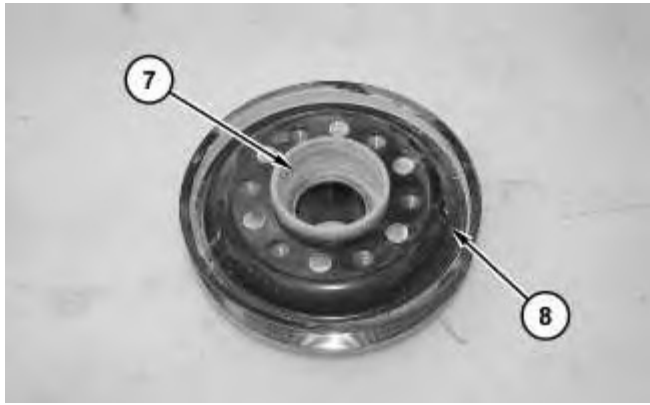


Illustration 4

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4. Remove pulley (7) from adapter (8).

Installation Procedure

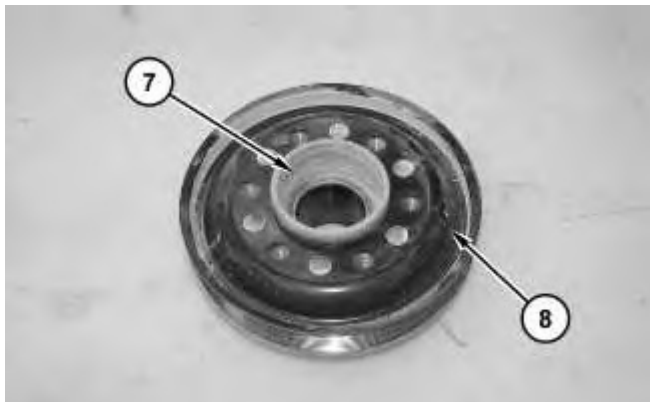


Illustration 5

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1. Install adapter (8) to pulley (7).

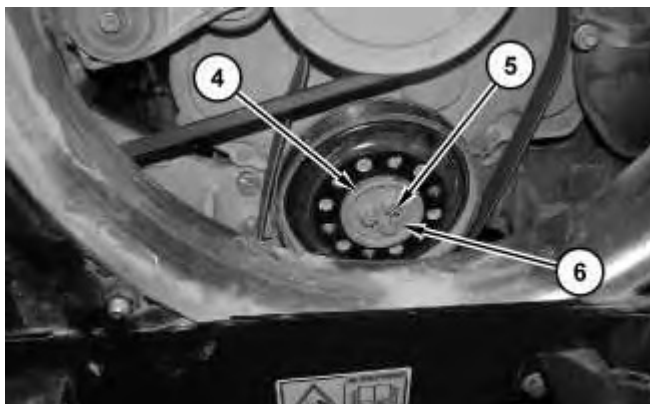


Illustration 6

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2. Install the adapter and pulley (4) as a unit. Install retainer (6) and bolts (5). Tighten bolts (5) to a torque of 200 N·m (148 lb ft).

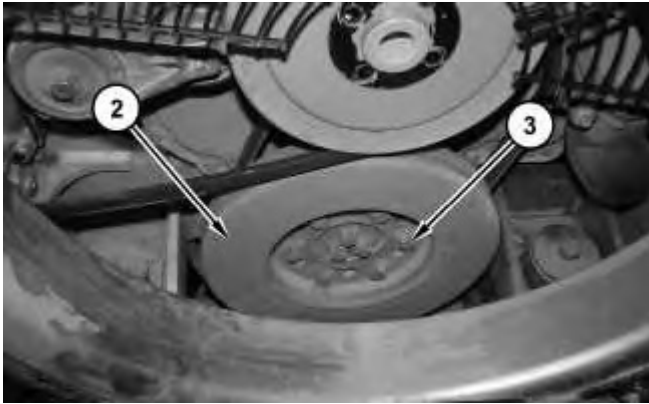


Illustration 7

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3. Install damper (2) and bolts (3). Tighten bolts (3) to a torque of 115 N·m (85 lb ft).

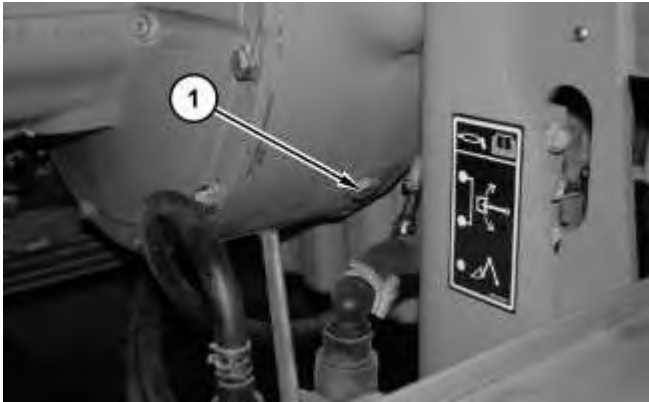


Illustration 8

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4. Remove the suitable pin. Install plug (1). Install the serpentine belt. Refer to Operation and Maintenance Manual, "Belt- Remove and Install".

End By:

- a. Install the fan.

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